NC/QC/YPD/2020-21/S-C14 **Date: 28-06-2021**

## 1. TEST REPORT ON CEMENT:

**Sub**: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Improvements and Developments to Shivanahalli village surrounding area in Ward No.01 Yelahanka Constituency.}
**Ref.**: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri. K. Venkataraju, Bangalore.

Asst. Executive Engineer Project Division Yelahanka Zone Bangalore - 92

### PHYSICAL TESTS ON CEMENT

Grade * : 53,
Type * : O.P.C

**TABLE 1.1:**

| SL No | Name of Test | Test Results | Requirements as per IS 8112-1989 |
|---|---|---|---|
| 1 | Initial setting time | **163 min** | Shall not be less than 30 min |
| 2 | Final setting time | **285 min** | Shall not be more than 600 min |
| 3 | Fineness (by dry sieving on IS 90 micron sieve) | **2.12 %** | Not to exceed 10.0% |
| 4 | Soundness test(by Le-Chatelier's method) | **2.16 mm** | Shall not be more than 10 mm |
| 5 | Compressive strength n) 3 days (average of three results) | **28.55 N/Sq mm** | Shall not be less than 27 N/Sqmm |

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Road-4

**Page No. 1/1,**

NEWZEN CONSULTANT Bangalore

NC/QC/YPD/2020-21/S-PCC14 **Date: 28-06-2021**

## 1. TESTING OF COARSE AND FINE AGGREGATES:

**Sub**: Testing of Coarse and Fine aggregates to be used for bed concrete.
{Project*: Improvements and Developments to Shivanahalli village surrounding area in Ward No.01 Yelahanka Constituency.}
**Ref.**: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri. K. Venkataraju, Bangalore.

## 1. COARSE AGGRGATES TABLE - SIEVE ANALYSIS:

| IS Sieve Size, mm | Percentage passing | Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing | |
|---|---|---|---|
| | 40 mm Sample | Single size | Graded |
| 40mm | 100.00 | 85-100 | 90 – 100 |
| 20mm | 64.25 | 0 -20 | 30- 70 |
| 10mm | 31.70 | 0 -5 | 10- 35 |
| 4.75mm | 4.10 | ------ | 0- 5 |

## 2. FINE AGGREGATES TABLE - SIEVE ANALYSIS:

| IS Sieve Size, mm | Percentage Passing | Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing | | | Remarks |
|---|---|---|---|---|---|
| | | Zone-I | Zone-II | Zone -III | |
| 04.75 | 96.55 | 90-100 | 90-100 | 90-100 | The Sample Conforms to Grading Zone-II |
| 02.36 | 81.45 | 60-95 | 75-100 | 85-100 | |
| 01.18 | 73.80 | 30-70 | 55-90 | 75-100 | |
| 600.mic | 45.10 | 15-34 | 35-59 | 60-79 | |
| 300.mic | 23.95 | 5-20 | 8-30 | 12-40 | |
| 150.mic | 7.05 | 0-10 | 0-10 | 0-10 | |

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Road-4

**Page No. 1/1,**

NEWZEN CONSULTANT ★ Bangalore ★

NC/QC/YPD/2020-21/S-CR1 **Date: 06-07-2021**

## 1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements and Developments to Shivanahalli village surrounding area in Ward No.01 Yelahanka Constituency.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri. K. Venkataraju, Bangalore.

Asst. Executive Engineer Project Division Yelahanka Zone 02 BBMP, Bangalore

### RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

### CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : $M_{30}$

TABLE 1.1:

| Sl No | Location/ Identification* | Date of Casting* | Date of Testing | Age in Days | C/S Area in $mm^2$ | Maximum Load in K.N | Compressive Strength ($N/mm^2$) | Avg. Value |
|---|---|---|---|---|---|---|---|---|
| 1 | 001 | 29-06-21 | 06-07-21 | 07 | 22500 | 515 | 22.89 | **23.41** |
| | 002 | " | " | " | " | 540 | 24.00 | |
| | 003 | " | " | " | " | 525 | 23.33 | |

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Road-1

**Page No. 1/1,**

NEWZEN CONSULTANT ★ Bangalore ★

NC/QC/YPD/2020-21/S-CR2 **Date: 08-07-2021**

## 1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements and Developments to Shivanahalli village surrounding area in Ward No.01 Yelahanka Constituency.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri. K. Venkataraju, Bangalore.

Assistant Executive Engineer, Project Division, Yelahanka Zone, BBMP, Bangalore - 92

### RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

### CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : $M_{30}$

TABLE 1.1:

| Sl No | Location/ Identification* | Date of Casting* | Date of Testing | Age in Days | C/S Area in $mm^2$ | Maximum Load in K.N | Compressive Strength ($N/mm^2$) | Avg. Value |
|---|---|---|---|---|---|---|---|---|
| 1 | 001 | 01-07-21 | 08-07-21 | 07 | 22500 | 530 | 23.56 | **23.70** |
| | 002 | " | " | " | " | 525 | 23.33 | |
| | 003 | " | " | " | " | 545 | 24.22 | |

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Road-5

**Page No. 1/1,**

NEWZEN CONSULTANT Bangalore

NC/QC/YPD/2020-21/S-CR3 **Date: 10-07-2021**

## 1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements and Developments to Shivanahalli village surrounding area in Ward No.01 Yelahanka Constituency.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri. K. Venkataraju, Bangalore.

Asst. Executive Engineer Project Division Yelahanka Zone BBMP, Bangalore-63

### RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

### CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : $M_{30}$

TABLE 1.1:

| Sl No | Location/ Identification* | Date of Casting* | Date of Testing | Age in Days | C/S Area in $mm^2$ | Maximum Load in K.N | Compressive Strength ($N/mm^2$) | Avg. Value |
|---|---|---|---|---|---|---|---|---|
| 1 | 001 | 03-07-21 | 10-07-21 | 07 | 22500 | 530 | 23.56 | **23.33** |
| | 002 | " | " | " | " | 530 | 23.56 | |
| | 003 | " | " | " | " | 515 | 22.89 | |

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Road-3.

**Page No. 1/1,**

NEWZEN CONSULTANT Bangalore

NC/QC/YPD/2020-21/S-CR4 Date: 13-07-2021

## 1. TEST REPORT ON CEMENT CONCRETE CUBES:

**Sub**: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements and Developments to Shivanahalli village surrounding area in Ward No.01 Yelahanka Constituency.}
**Ref.**: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri. K. Venkataraju, Bangalore.

Asst. Executive Engineer Project Division Yelahanka BBMP, Bangalore

### RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

### CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : $M_{30}$

**TABLE 1.1:**

| Sl No | Location/ Identification* | Date of Casting* | Date of Testing | Age in Days | C/S Area in $mm^2$ | Maximum Load in K.N | Compressive Strength ($N/mm^2$) | Avg. Value |
|---|---|---|---|---|---|---|---|---|
| 1 | 001 | 06-07-21 | 13-07-21 | 07 | 22500 | 530 | 23.56 | **23.48** |
| | 002 | " | " | " | " | 520 | 23.11 | |
| | 003 | " | " | " | " | 535 | 23.78 | |

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Road-4

**Page No. 1/1,**

NEWZEN CONSULTANT Bangalore

NC/QC/YPD/2020-21/S-CR5 **Date: 13-07-2021**

## 1. TEST REPORT ON CEMENT CONCRETE CUBES:

**Sub**: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements and Developments to Shivanahalli village surrounding area in Ward No.01 Yelahanka Constituency.}
**Ref.**: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri. K. Venkataraju, Bangalore.

Assistant Executive Engineer, Project Division, Yelahanka Zone, BBMP, Bangalore - 92

### RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

### CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : $M_{30}$

**TABLE 1.1:**

| Sl No | Location/ Identification* | Date of Casting* | Date of Testing | Age in Days | C/S Area in $mm^2$ | Maximum Load in K.N | Compressive Strength ($N/mm^2$) | Avg. Value |
|---|---|---|---|---|---|---|---|---|
| 1 | 001 | 06-07-21 | 13-07-21 | 07 | 22500 | 545 | 24.22 | **23.85** |
| | 002 | " | " | " | " | 530 | 23.56 | |
| | 003 | " | " | " | " | 535 | 23.78 | |

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Road-6

**Page No. 1/1,**

NEWZEN CONSULTANT Bangalore

NC/QC/YPD/2020-21/S-CR6 **Date: 15-07-2021**

## 1. TEST REPORT ON CEMENT CONCRETE CUBES:

**Sub**: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements and Developments to Shivanahalli village surrounding area in Ward No.01 Yelahanka Constituency.}
**Ref.**: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri. K. Venkataraju, Bangalore.

Asst. Executive Engineer Project Division Yelahanka Zone BBMP, Bangalore-92

### RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

### CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : $M_{30}$

**TABLE 1.1:**

| Sl No | Location/ Identification* | Date of Casting* | Date of Testing | Age in Days | C/S Area in $mm^2$ | Maximum Load in K.N | Compressive Strength ($N/mm^2$) | Avg. Value |
|---|---|---|---|---|---|---|---|---|
| 1 | 001 | 08-07-21 | 15-07-21 | 07 | 22500 | 515 | 22.89 | **23.78** |
| | 002 | " | " | " | " | 540 | 24.00 | |
| | 003 | " | " | " | " | 550 | 24.44 | |

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Road-7

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NEWZEN CONSULTANT Bangalore K.V

NC/QC/YPD/2020-21/S-CR7 **Date: 16-07-2021**

## 1. TEST REPORT ON CEMENT CONCRETE CUBES:

**Sub**: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements and Developments to Shivanahalli village surrounding area in Ward No.01 Yelahanka Constituency.}
**Ref.**: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri. K. Venkataraju, Bangalore.

Asst. Executive Engineer Project Division Yelahanka Zone BBMP, Bangalore - 92

### RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

### CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : $M_{30}$

**TABLE 1.1:**

| Sl No | Location/ Identification* | Date of Casting* | Date of Testing | Age in Days | C/S Area in $mm^2$ | Maximum Load in K.N | Compressive Strength ($N/mm^2$) | Avg. Value |
|---|---|---|---|---|---|---|---|---|
| 1 | 001 | 09-07-21 | 16-07-21 | 07 | 22500 | 520 | 23.11 | **23.63** |
| | 002 | " | " | " | " | 530 | 23.56 | |
| | 003 | " | " | " | " | 545 | 24.22 | |

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Road-8

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NEWZEN CONSULTANT Bangalore

NC/QC/YPD/2020-21/S-CR8 **Date: 19-07-2021**

## 1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements and Developments to Shivanahalli village surrounding area in Ward No.01 Yelahanka Constituency.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri. K. Venkataraju, Bangalore.

Asst. Executive Engineer Project Division Yelahanka Zone BBMP Bangalore - 92

### RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

### CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : $M_{30}$

**TABLE 1.1:**

| Sl No | Location/ Identification* | Date of Casting* | Date of Testing | Age in Days | C/S Area in $mm^2$ | Maximum Load in K.N | Compressive Strength ($N/mm^2$) | Avg. Value |
|---|---|---|---|---|---|---|---|---|
| 1 | 001 | 12-07-21 | 19-07-21 | 07 | 22500 | 530 | 23.56 | **23.26** |
| | 002 | " | " | " | " | 515 | 22.89 | |
| | 003 | " | " | " | " | 525 | 23.33 | |

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Road-9.

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NEWZEN CONSULTANT Bangalore

NC/QC/YPD/2020-21/S-CR9 **Date: 21-07-2021**

## 1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements and Developments to Shivanahalli village surrounding area in Ward No.01 Yelahanka Constituency.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri. K. Venkataraju, Bangalore.

Asst. Executive Engineer Project Division Yelahanka Zone BBMP Bangalore-92

### RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

### CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : $M_{30}$

**TABLE 1.1:**

| Sl No | Location/ Identification* | Date of Casting* | Date of Testing | Age in Days | C/S Area in $mm^2$ | Maximum Load in K.N | Compressive Strength ($N/mm^2$) | Avg. Value |
|---|---|---|---|---|---|---|---|---|
| 1 | 001 | 14-07-21 | 21-07-21 | 07 | 22500 | 525 | 23.33 | **23.56** |
| | 002 | " | " | " | " | 530 | 23.56 | |
| | 003 | " | " | " | " | 535 | 23.78 | |

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Front Of # B26 House

**Page No. 1/1,**

NEWZEN CONSULTANT Bangalore

NC/QC/YPD/2020-21/S-CR1A Date: 27-07-2021

## 1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Improvements and Developments to Shivanahalli village surrounding area in Ward No.01 Yelahanka Constituency.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri. K. Venkataraju, Bangalore.

### RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : $M_{30}$

TABLE 1.1:

| Sl No | Location/ Identification* | Date of Casting* | Date of Testing | Age in Days | C/S Area in $mm^2$ | Maximum Load in K.N | Compressive Strength ($N/mm^2$) | Avg. Value |
|---|---|---|---|---|---|---|---|---|
| 1 | 001 | 29-06-21 | 27-07-21 | 28 | 22500 | 730 | 32.44 | **32.59** |
| | 002 | " | " | " | " | 745 | 33.11 | |
| | 003 | " | " | " | " | 725 | 32.22 | |

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Road-1

Page No. 1/1,

NEWZEN CONSULTANT Bangalore

NC/QC/YPD/2020-21/S-CR2A **Date: 29-07-2021**

## 1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Improvements and Developments to Shivanahalli village surrounding area in Ward No.01 Yelahanka Constituency.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri. K. Venkataraju, Bangalore.

### RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

### CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : $M_{30}$

**TABLE 1.1:**

| Sl No | Location/ Identification* | Date of Casting* | Date of Testing | Age in Days | C/S Area in $mm^2$ | Maximum Load in K.N | Compressive Strength ($N/mm^2$) | Avg. Value |
|---|---|---|---|---|---|---|---|---|
| 1 | 001 | 01-07-21 | 29-07-21 | 28 | 22500 | 720 | 32.00 | **32.52** |
| | 002 | " | " | " | " | 735 | 32.67 | |
| | 003 | " | " | " | " | 740 | 32.89 | |

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Road-5

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NEWZEN CONSULTANT Bangalore

NC/QC/YPD/2020-21/S-CR3A

Date: 31-07-2021

## 1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).

{Project*: Improvements and Developments to Shivanahalli village surrounding area in Ward No.01 Yelahanka Constituency.}

Ref.: Material testing/PMC/19-20,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. K. Venkataraju, Bangalore.

### RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : $M_{30}$

**TABLE 1.1:**

| Sl No | Location/ Identification* | Date of Casting* | Date of Testing | Age in Days | C/S Area in $mm^2$ | Maximum Load in K.N | Compressive Strength ($N/mm^2$) | Avg. Value |
|---|---|---|---|---|---|---|---|---|
| 1 | 001 | 03-07-21 | 31-07-21 | 28 | 22500 | 730 | 32.44 | **32.22** |
| | 002 | " | " | " | " | 720 | 32.00 | |
| | 003 | " | " | " | " | 725 | 32.22 | |

The result of the materials tested meets the standards and hence can be used for the work.

Sample Collected Site : Road-3



NEWZEN CONSULTANT Bangalore

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA, JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

NC/QC/YPD/2020-21/S-CR4A **Date: 03-08-2021**

## 1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Improvements and Developments to Shivanahalli village surrounding area in Ward No.01 Yelahanka Constituency.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri. K. Venkataraju, Bangalore.

Asst. Executive Engineer Project Division Yelahanka Zone BBMP, Bangalore - 92

### RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

### CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm
Grade of Concrete* : $M_{30}$

**TABLE 1.1:**

| Sl No | Location/ Identification* | Date of Casting* | Date of Testing | Age in Days | C/S Area in $mm^2$ | Maximum Load in K.N | Compressive Strength ($N/mm^2$) | Avg. Value |
|---|---|---|---|---|---|---|---|---|
| 1 | 001 | 06-07-21 | 03-08-21 | 28 | 22500 | 715 | 31.78 | **32.15** |
| | 002 | " | " | " | " | 725 | 32.22 | |
| | 003 | " | " | " | " | 730 | 32.44 | |

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Road-4

**Page No. 1/1,**

NEWZEN CONSULTANT Bangalore

NC/QC/YPD/2020-21/S-CR5A **Date: 05-08-2021**

## 1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).

{Project*: Improvements and Developments to Shivanahalli village surrounding area in Ward No.01 Yelahanka Constituency.}

Ref.: Material testing/PMC/19-20,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. K. Venkataraju, Bangalore.

Assistant Executive Engineer Project Division Yelahanka Zone BBMP Bangalore

### RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : $M_{30}$

**TABLE 1.1:**

| Sl No | Location/ Identification* | Date of Casting* | Date of Testing | Age in Days | C/S Area in $mm^2$ | Maximum Load in K.N | Compressive Strength ($N/mm^2$) | Avg. Value |
|---|---|---|---|---|---|---|---|---|
| 1 | 001 | 06-07-21 | 05-08-21 | 28 | 22500 | 720 | 32.00 | **32.30** |
| | 002 | " | " | " | " | 725 | 32.22 | |
| | 003 | " | " | " | " | 735 | 32.67 | |

The result of the materials tested meets the standards and hence can be used for the work.

Sample Collected Site : Road-6

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NEWZEN CONSULTANT Bangalore

NC/QC/YPD/2020-21/S-CR6A **Date: 05-08-2021**

## 1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Improvements and Developments to Shivanahalli village surrounding area in Ward No.01 Yelahanka Constituency.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri. K. Venkataraju, Bangalore.

Assistant Executive Engineer Project Division Yelahanka Zone BBMP Bangalore - 92

### RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm
Grade of Concrete* : $M_{30}$

**TABLE 1.1:**

| Sl No | Location/ Identification* | Date of Casting* | Date of Testing | Age in Days | C/S Area in $mm^2$ | Maximum Load in K.N | Compressive Strength ($N/mm^2$) | Avg. Value |
|---|---|---|---|---|---|---|---|---|
| 1 | 001 | 08-07-21 | 05-08-21 | 28 | 22500 | 740 | 32.89 | **32.44** |
| | 002 | " | " | " | " | 730 | 32.44 | |
| | 003 | " | " | " | " | 720 | 32.00 | |

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Road-7

**Page No. 1/1,**

NEWZEN CONSULTANT Bangalore

NC/QC/YPD/2020-21/S-CR7A **Date: 06-08-2021**

## 1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).

{Project*: Improvements and Developments to Shivanahalli village surrounding area in Ward No.01 Yelahanka Constituency.}

Ref.: Material testing/PMC/19-20,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. K. Venkataraju, Bangalore.

Assistant Executive Engineer Project Division Yelahanka Zone BBMP Bangalore - 92

### RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : $M_{30}$

TABLE 1.1:

| Sl No | Location/ Identification* | Date of Casting* | Date of Testing | Age in Days | C/S Area in $mm^2$ | Maximum Load in K.N | Compressive Strength ($N/mm^2$) | Avg. Value |
|---|---|---|---|---|---|---|---|---|
| 1 | 001 | 09-07-21 | 06-08-21 | 28 | 22500 | 730 | 32.44 | **32.37** |
| | 002 | " | " | " | " | 740 | 32.89 | |
| | 003 | " | " | " | " | 715 | 31.78 | |

The result of the materials tested meets the standards and hence can be used for the work.

Sample Collected Site : Road-8



NEWZEN CONSULTANT Bangalore

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA, JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

NC/QC/YPD/2020-21/S-CR8A **Date: 09-08-2021**

## 1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Improvements and Developments to Shivanahalli village surrounding area in Ward No.01 Yelahanka Constituency.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri. K. Venkataraju, Bangalore.

Assistant Executive Engineer Project Division Yelahanka Zone BBMP, Bangalore - 92

### RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : $M_{30}$

**TABLE 1.1:**

| Sl No | Location/ Identification* | Date of Casting* | Date of Testing | Age in Days | C/S Area in $mm^2$ | Maximum Load in K.N | Compressive Strength ($N/mm^2$) | Avg. Value |
|---|---|---|---|---|---|---|---|---|
| 1 | 001 | 12-07-21 | 09-08-21 | 28 | 22500 | 730 | 32.44 | **32.15** |
| | 002 | " | " | " | " | 725 | 32.22 | |
| | 003 | " | " | " | " | 715 | 31.78 | |

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Road-9

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NEWZEN CONSULTANT Bangalore

NC/QC/YPD/2020-21/S-CR9A **Date: 11-08-2021**

## 1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).

{Project*: Improvements and Developments to Shivanahalli village surrounding area in Ward No.01 Yelahanka Constituency.}

Ref.: Material testing/PMC/19-20,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. K. Venkataraju, Bangalore.

Asst. Executive Engineer Project Division Yelahanka Zone BBMP, Bangalore - 92

### RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : $M_{30}$

TABLE 1.1:

| Sl No | Location/ Identification* | Date of Casting* | Date of Testing | Age in Days | C/S Area in $mm^2$ | Maximum Load in K.N | Compressive Strength ($N/mm^2$) | Avg. Value |
|---|---|---|---|---|---|---|---|---|
| 1 | 001 | 14-07-21 | 11-08-21 | 28 | 22500 | 730 | 32.44 | **32.67** |
| | 002 | " | " | " | " | 740 | 32.89 | |
| | 003 | " | " | " | " | 735 | 32.67 | |

The result of the materials tested meets the standards and hence can be used for the work.

Sample Collected Site : Front Of # B26 House



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